

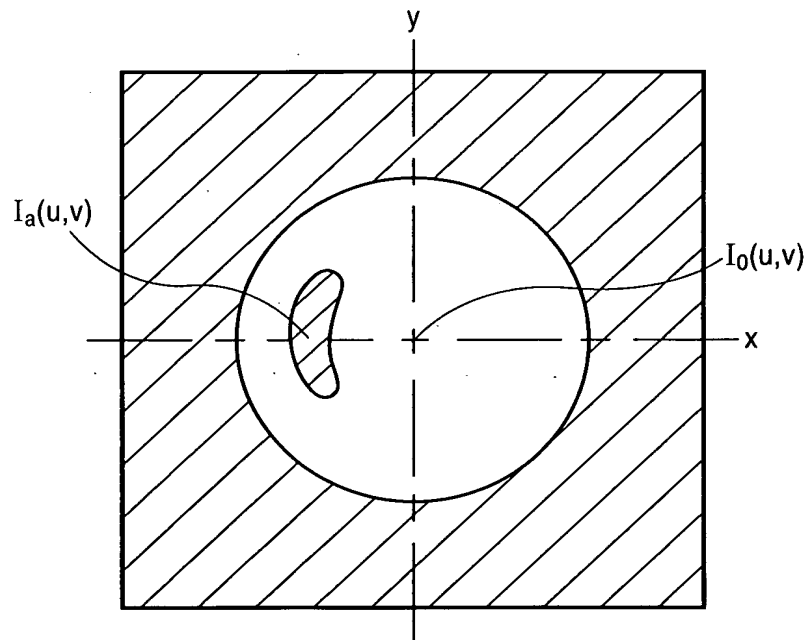
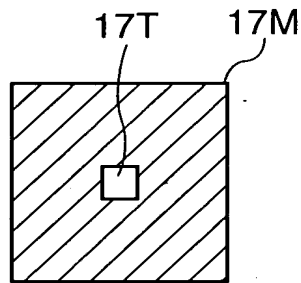
FIG. 2

FIG. 3



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FIG. 4A

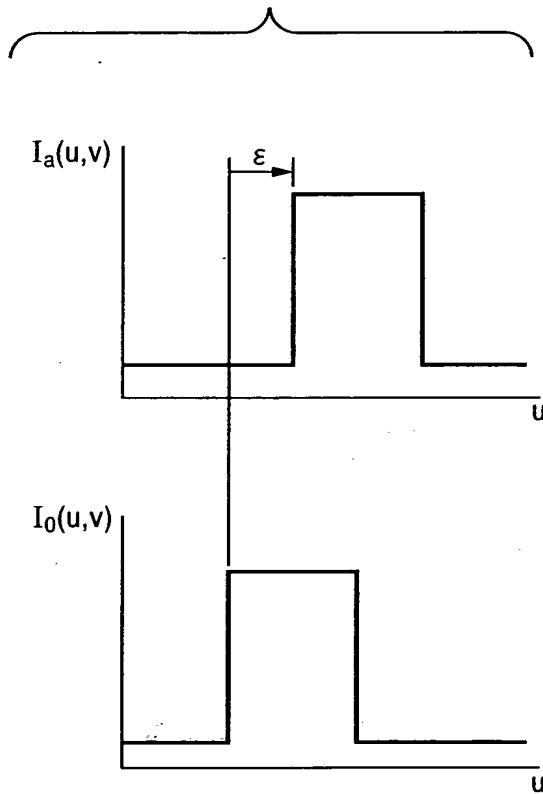
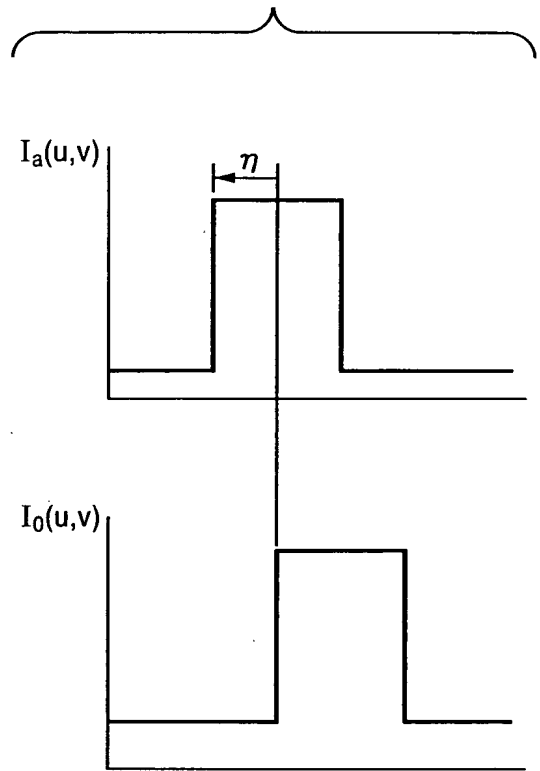
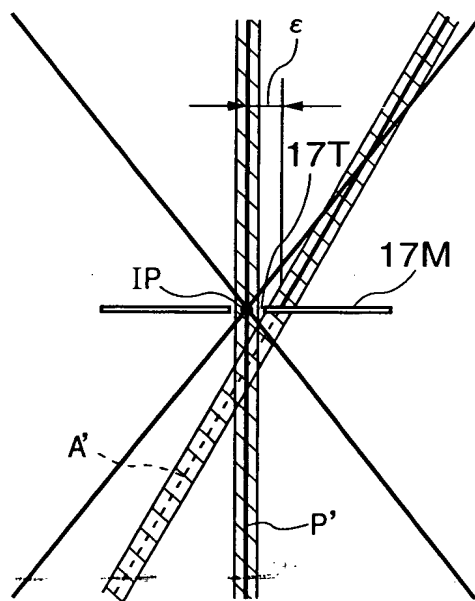


FIG. 4B



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FIG. 5



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FIG. 6A

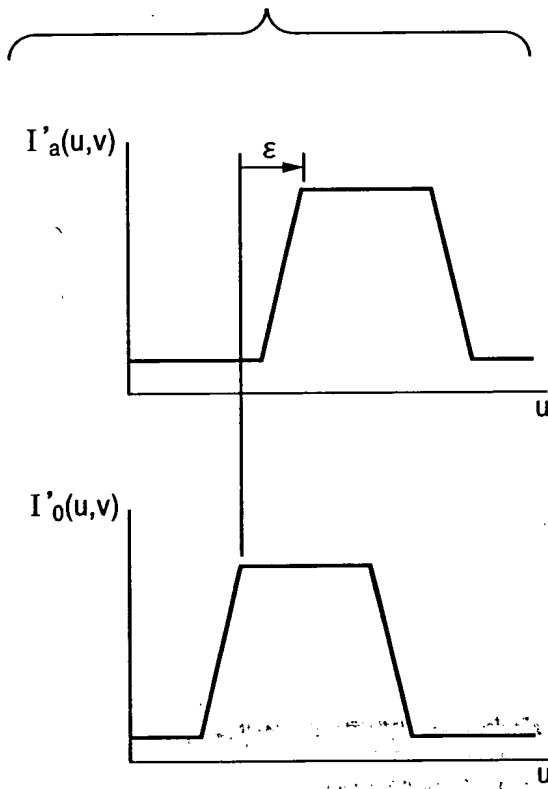
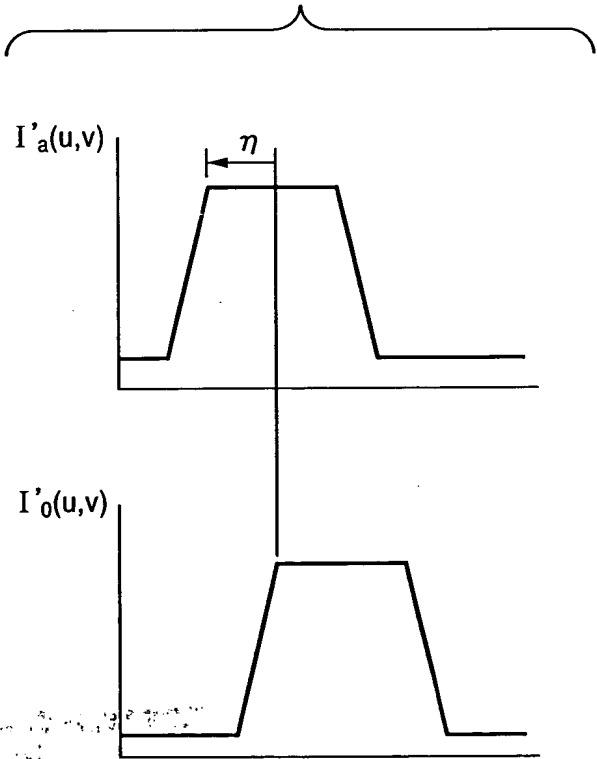
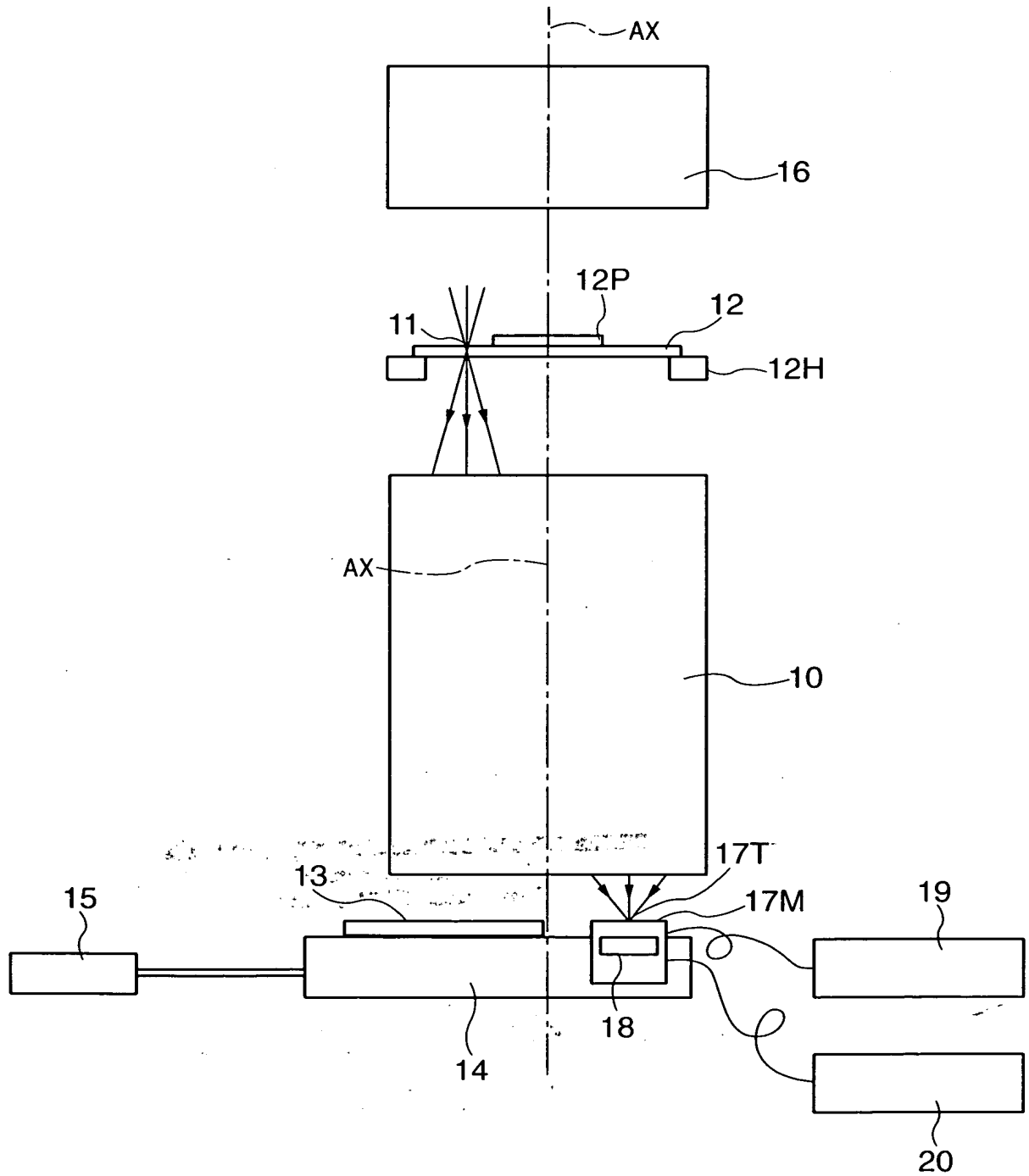


FIG. 6B



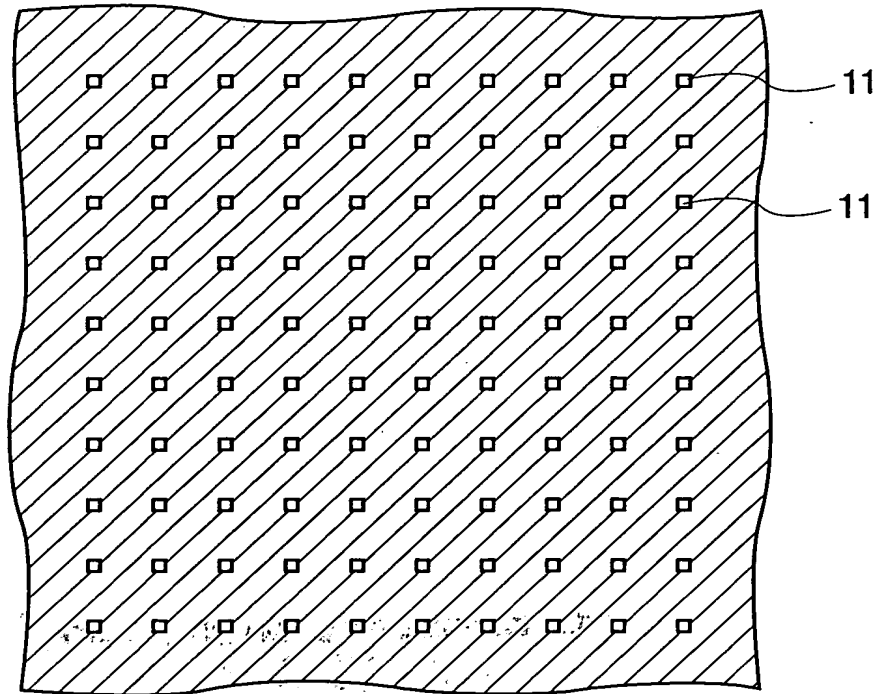
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FIG. 7



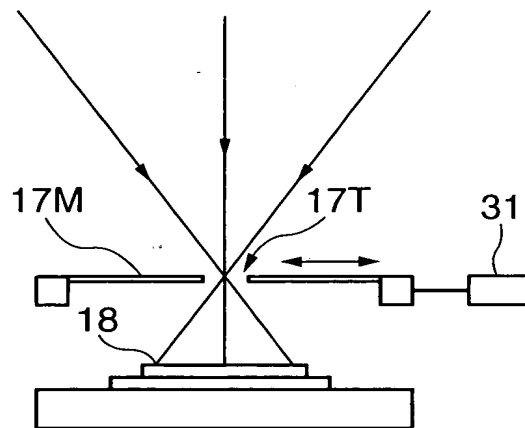
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FIG. 8



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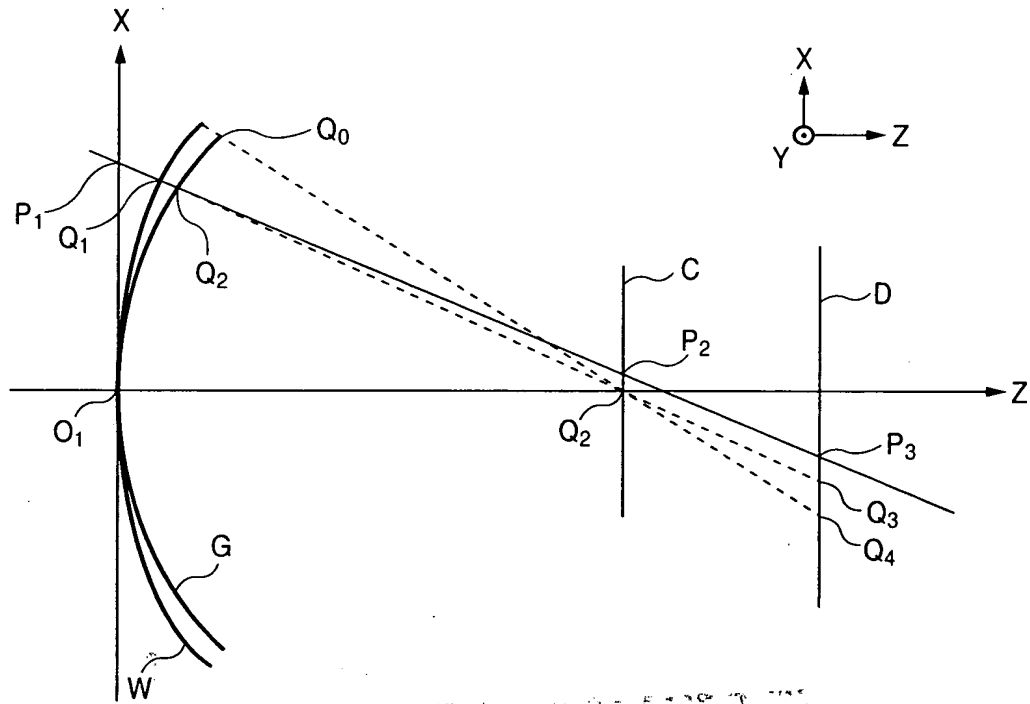
FIG. 9



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FIG. 10

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FIG. 11

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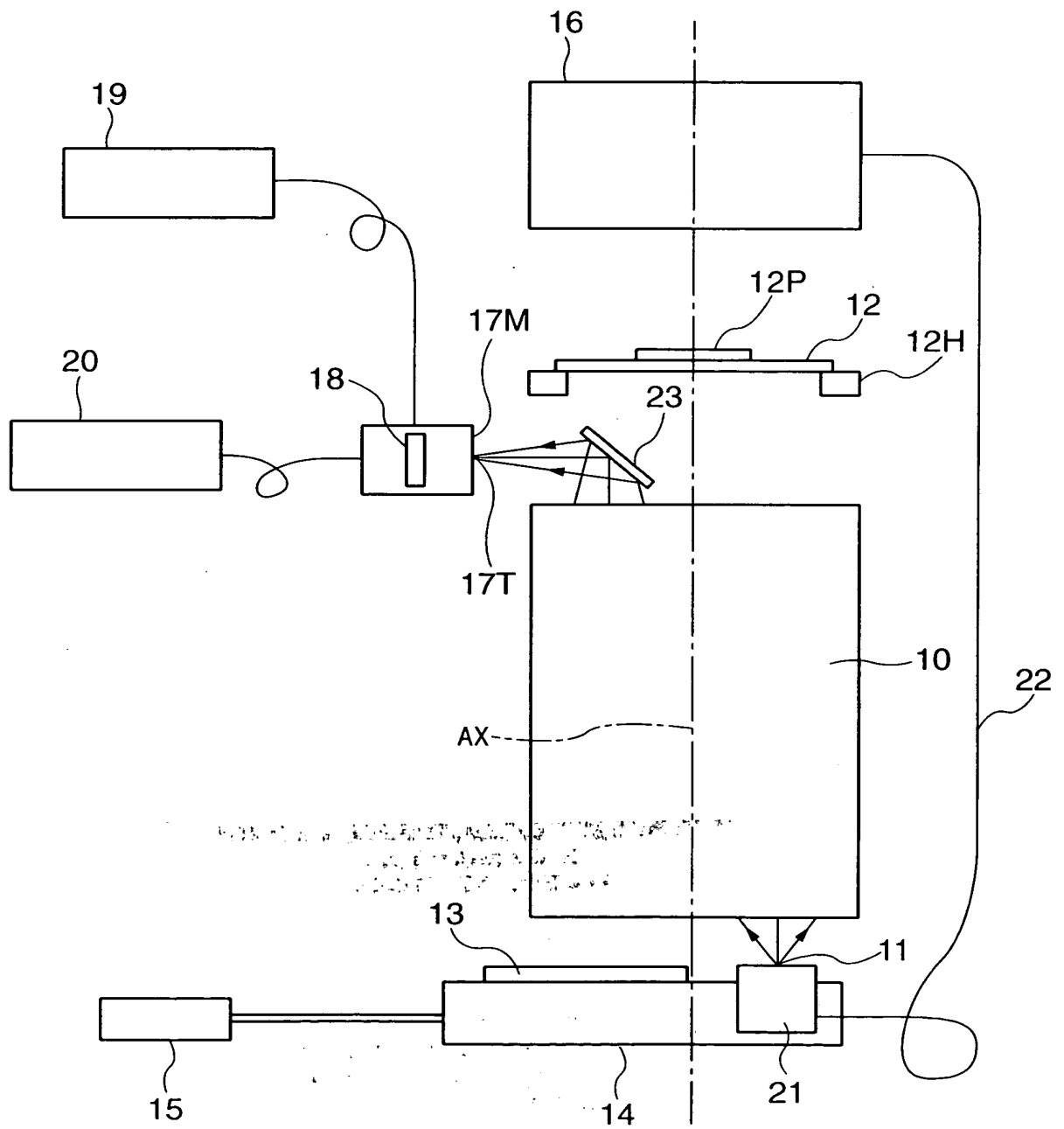
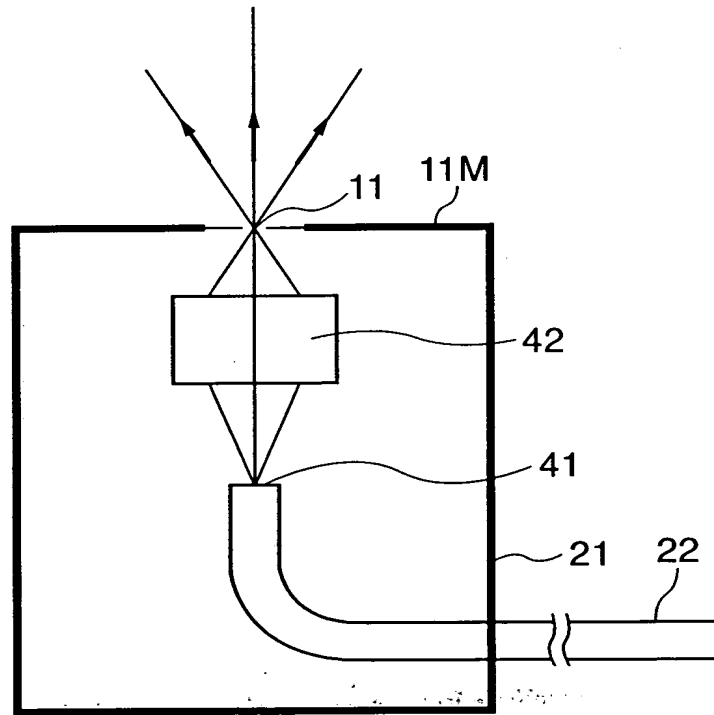
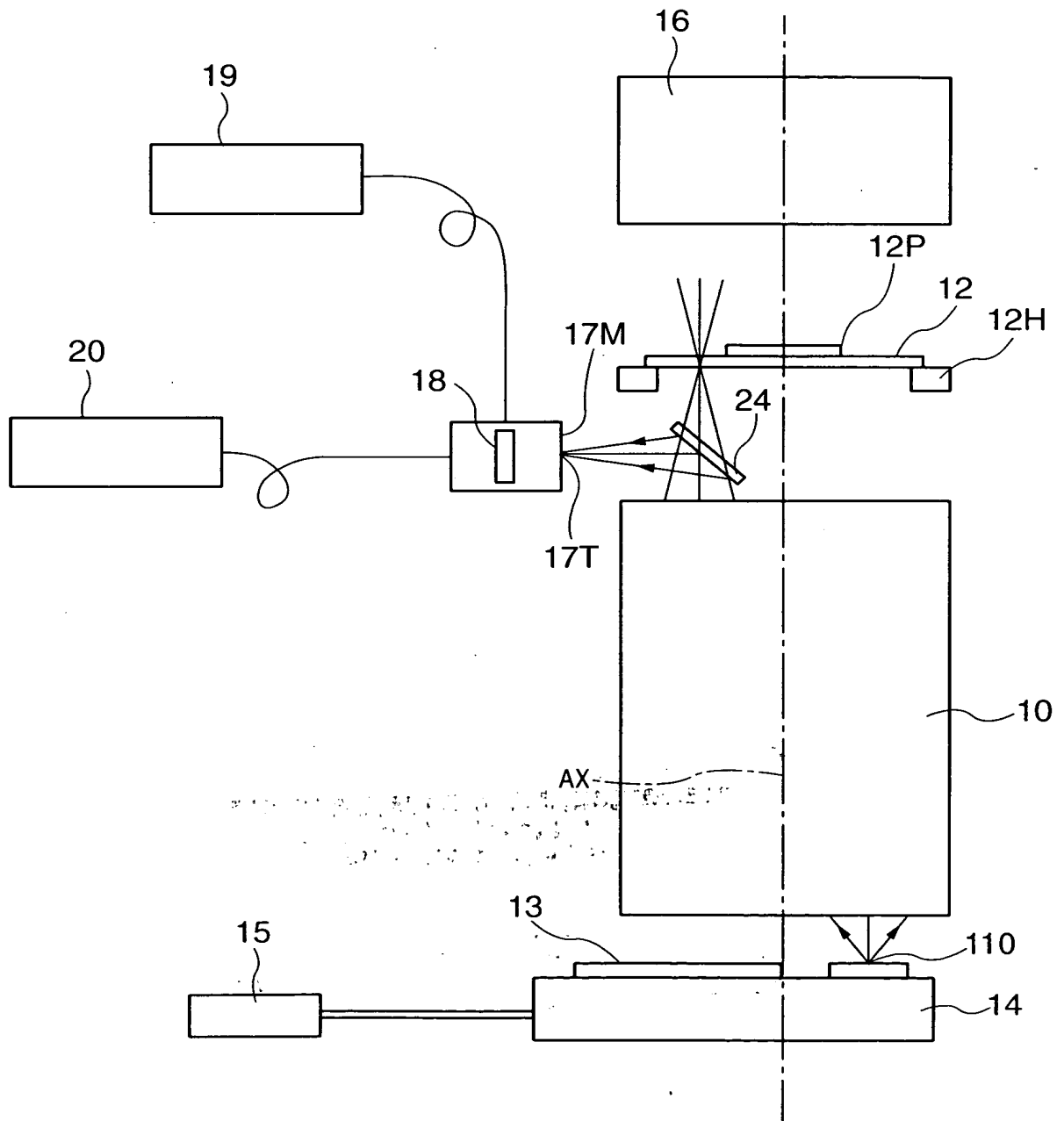


FIG. 12



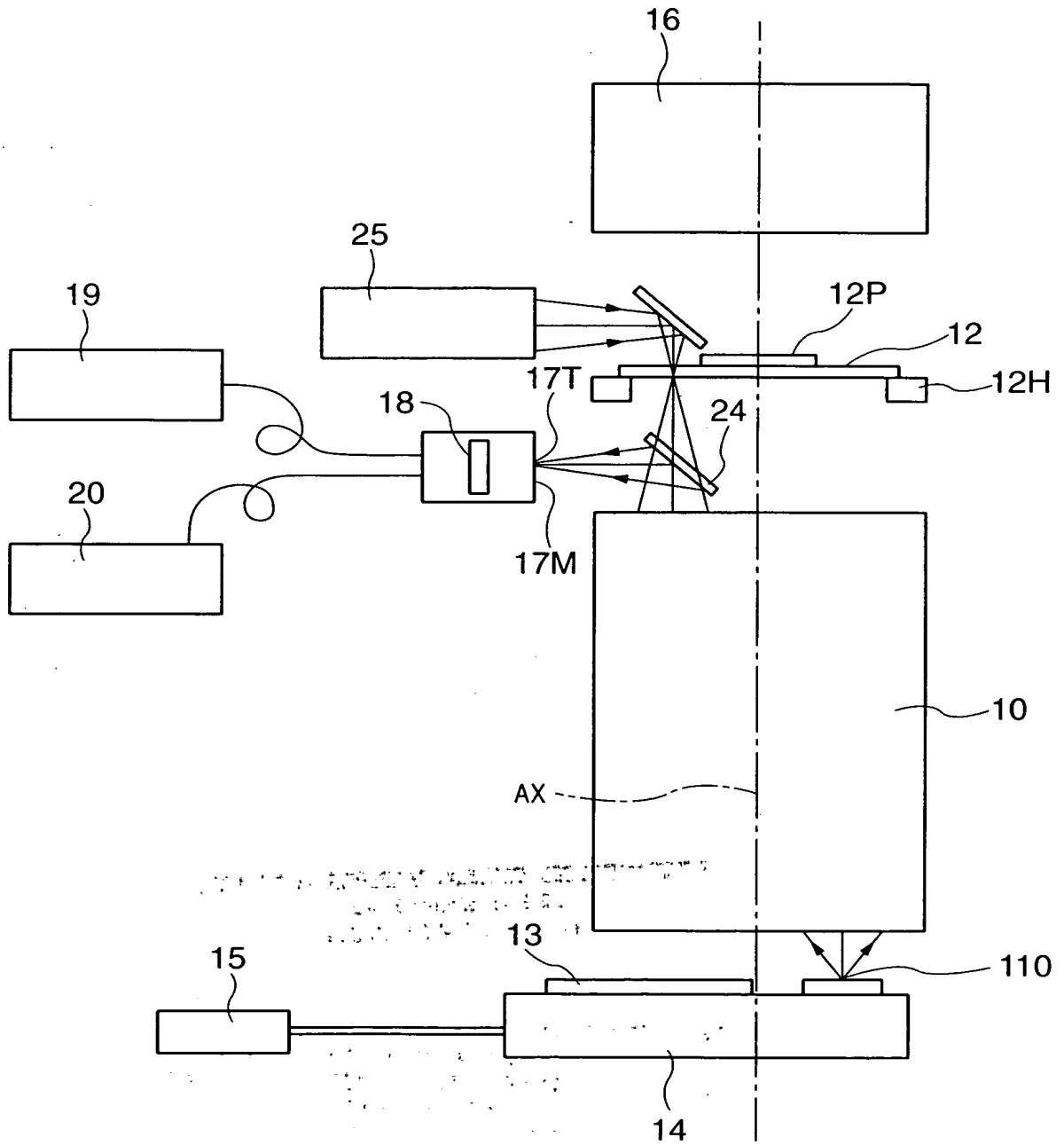
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FIG. 13



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FIG. 14



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FIG. 15

$$\varepsilon = \left(1 + \frac{\Delta R}{R}\right) \cdot \frac{R}{H_0} \cdot \frac{\partial \Phi}{\partial x} = \left(1 + \frac{\Delta R}{R}\right) \cdot \frac{1}{NA_0} \cdot \frac{\partial \Phi}{\partial x} \dots\dots\dots (3)$$

$$\eta = \left(1 + \frac{\Delta R}{R}\right) \cdot \frac{R}{H_0} \cdot \frac{\partial \Phi}{\partial y} = \left(1 + \frac{\Delta R}{R}\right) \cdot \frac{1}{NA_0} \cdot \frac{\partial \Phi}{\partial y} \dots\dots\dots (4)$$

$$\alpha = \left(1 + \frac{\Delta L}{L}\right) \cdot \frac{L}{R} \cdot \frac{R}{H_0} \cdot \frac{\partial \Phi}{\partial x} = \left(1 + \frac{\Delta L}{L}\right) \cdot \frac{L}{R} \cdot \frac{1}{NA_0} \cdot \frac{\partial \Phi}{\partial x} = \frac{L \left(1 + \frac{\Delta L}{L}\right)}{R \left(1 + \frac{\Delta R}{R}\right)} \cdot \varepsilon \dots\dots\dots (5)$$

$$\beta = \left(1 + \frac{\Delta L}{L}\right) \cdot \frac{L}{R} \cdot \frac{R}{H_0} \cdot \frac{\partial \Phi}{\partial y} = \left(1 + \frac{\Delta L}{L}\right) \cdot \frac{L}{R} \cdot \frac{1}{NA_0} \cdot \frac{\partial \Phi}{\partial y} = \frac{L \left(1 + \frac{\Delta L}{L}\right)}{R \left(1 + \frac{\Delta R}{R}\right)} \cdot \eta \dots\dots\dots (6)$$

FIG. 16

$$X'' = X' + \alpha \cdots \cdots (7)$$

$$Y'' = Y' + \beta \cdots \cdots (8)$$

$$\frac{X}{H_0} = \frac{X'}{H'_0} = x \cdots \cdots (9)$$

$$\frac{Y}{H_0} = \frac{Y'}{H'_0} = y \cdots \cdots (10)$$

$$x = \frac{X''}{H'_0} - \frac{\alpha}{H'_0} \cdots \cdots (11)$$

$$y = \frac{Y''}{H'_0} - \frac{\beta}{H'_0} \cdots \cdots (12)$$

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FIG. 17

$$\frac{\Delta R}{R} \ll 1 \dots\dots\dots (13)$$

$$\frac{\Delta L}{L} \ll 1 \dots\dots\dots (14)$$

$$\frac{\alpha}{H'_0} = \frac{1}{H'_0} \cdot \frac{L}{R} \cdot \varepsilon \ll 1 \dots\dots\dots (15)$$

$$\frac{\beta}{H'_0} = \frac{1}{H'_0} \cdot \frac{L}{R} \cdot \eta \ll 1 \dots\dots\dots (16)$$

$$\varepsilon(x,y) = \frac{1}{NA_0} \cdot \frac{\partial \Phi}{\partial x} \dots\dots\dots (3')$$

$$\eta(x,y) = \frac{1}{NA_0} \cdot \frac{\partial \Phi}{\partial y} \dots\dots\dots (4')$$

$$x = \frac{X''}{H'_0} \dots\dots\dots (11')$$

$$y = \frac{Y''}{H'_0} \dots\dots\dots (12')$$

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FIG. 18

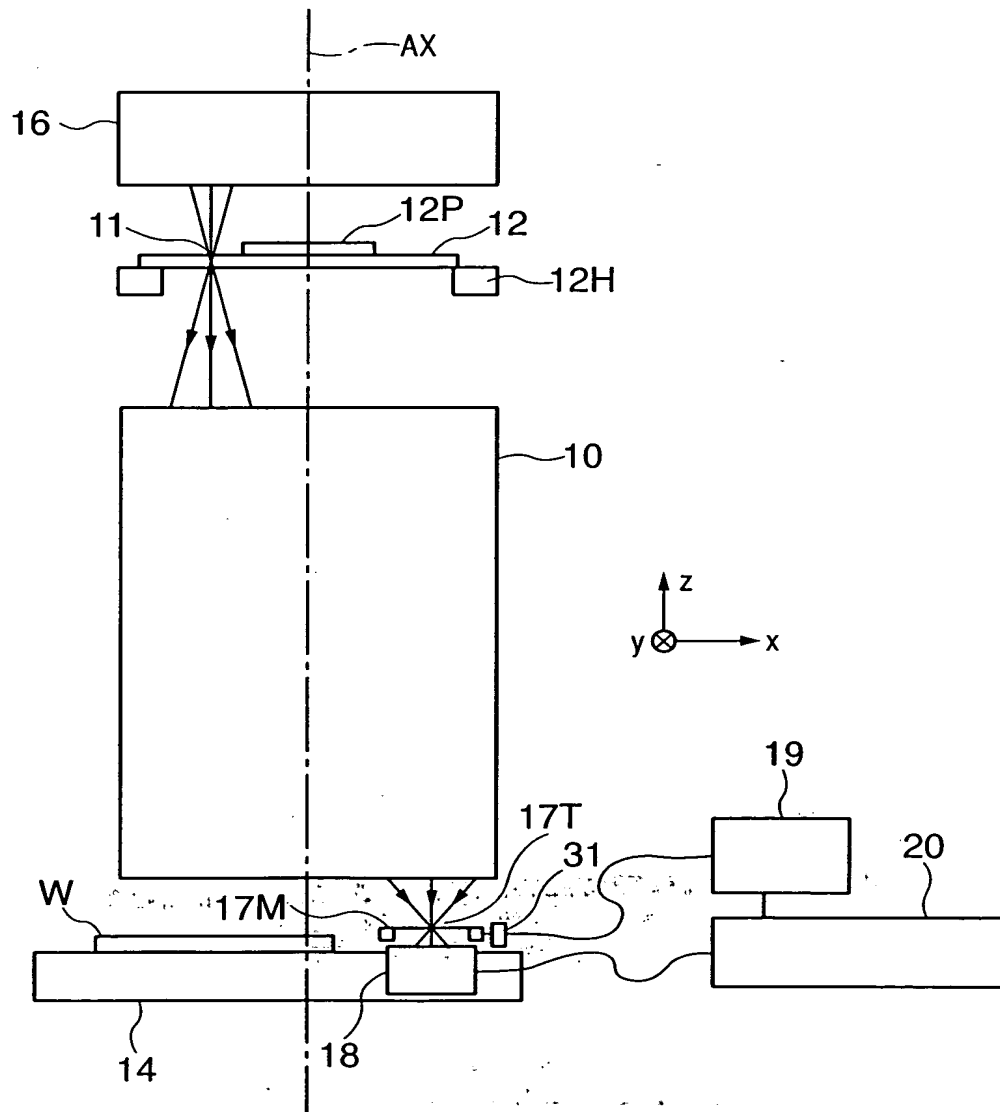
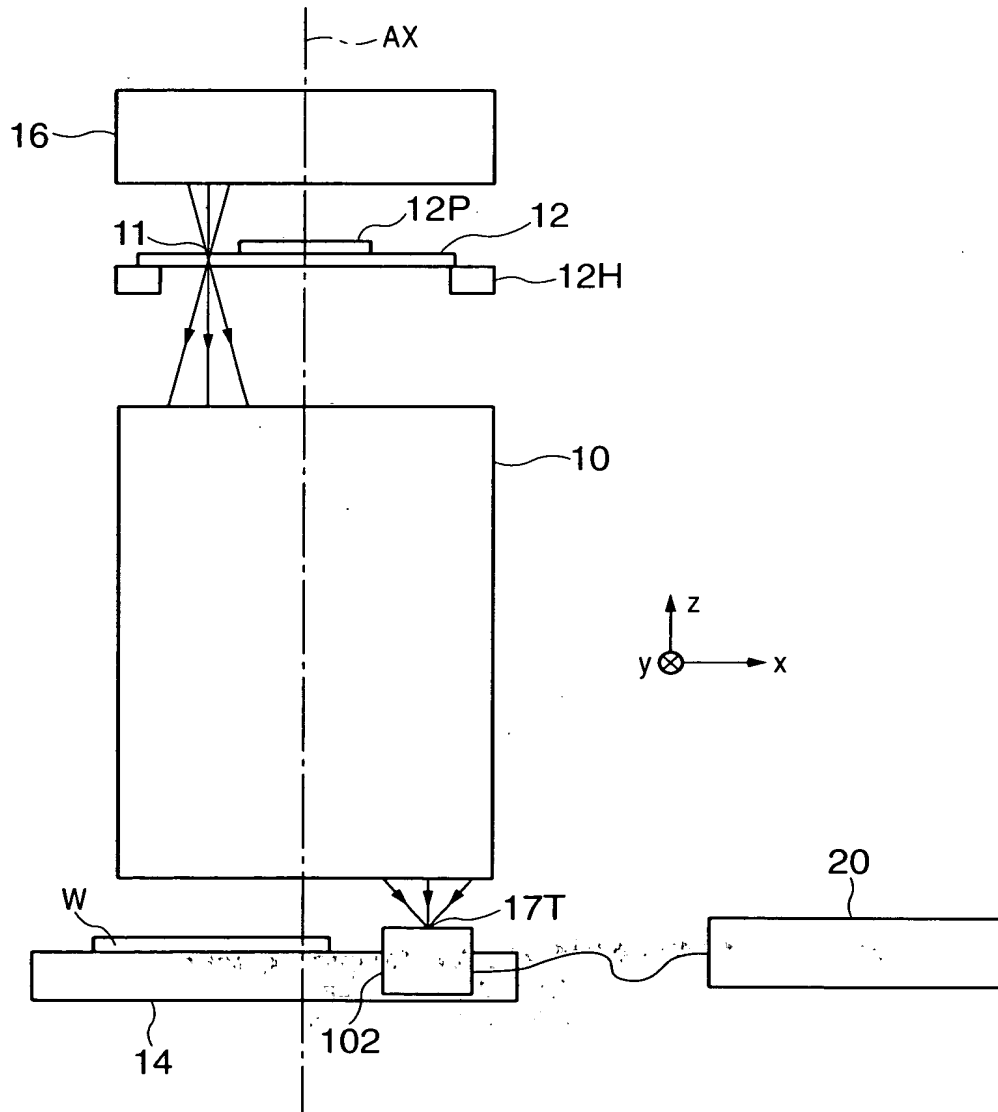
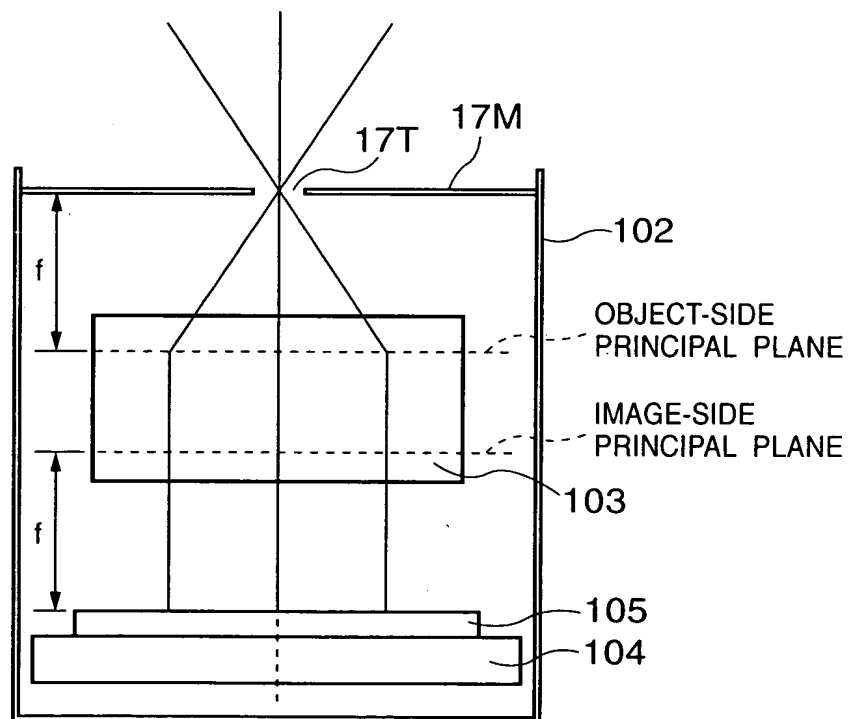


FIG. 19



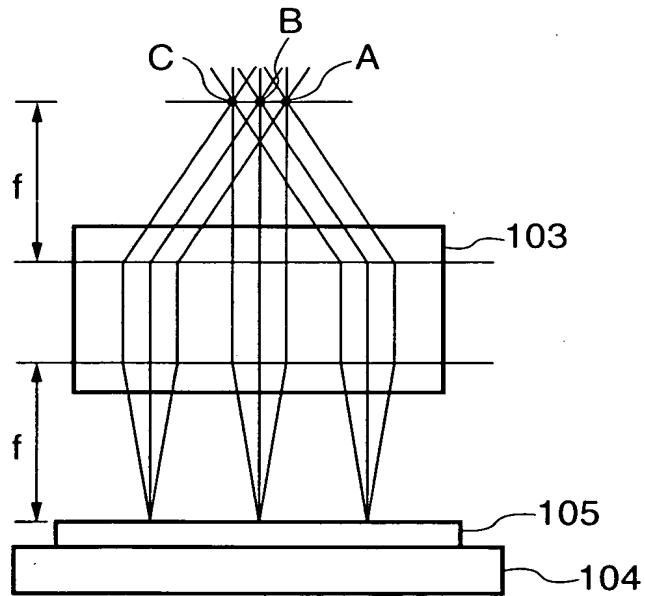
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FIG. 20



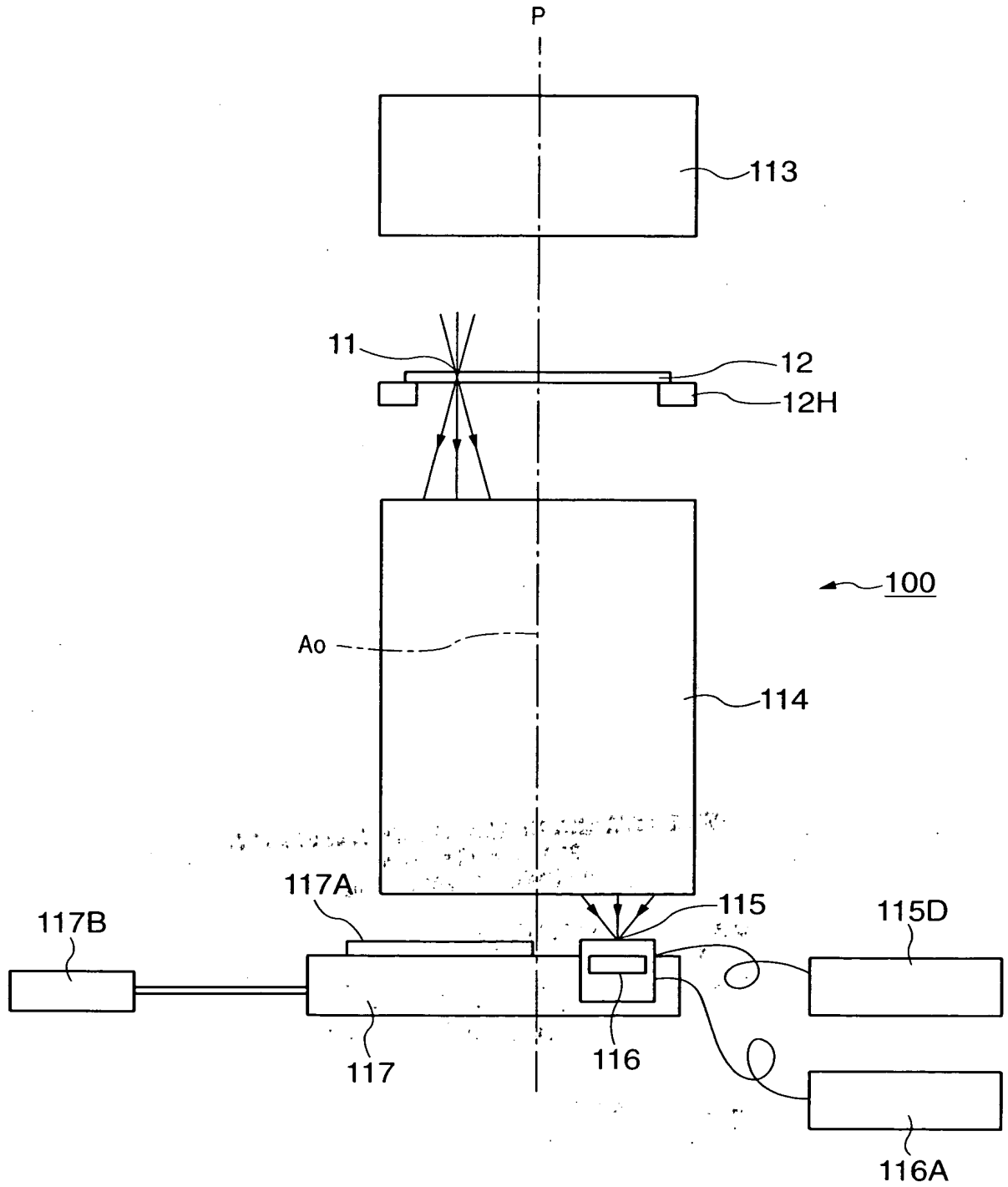
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FIG. 21



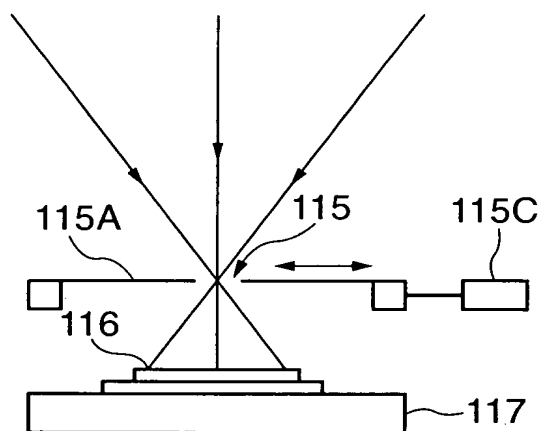
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FIG. 22



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FIG. 23



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FIG. 24

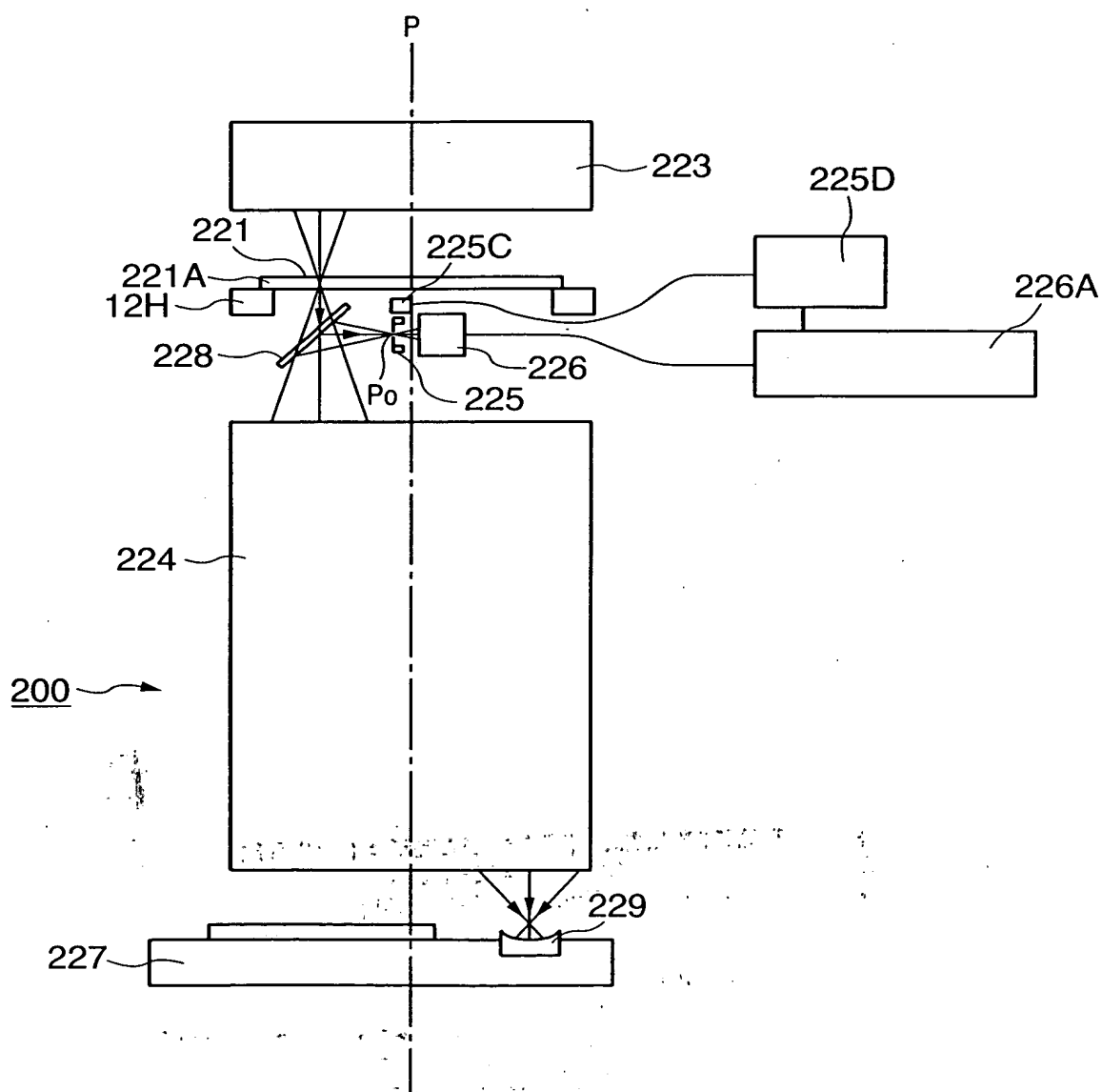
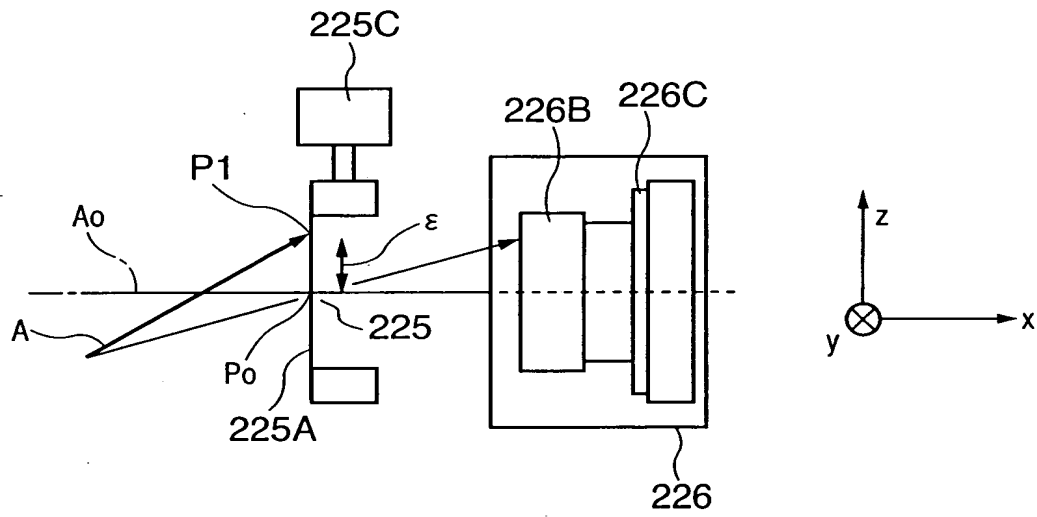


FIG. 25



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FIG. 26A

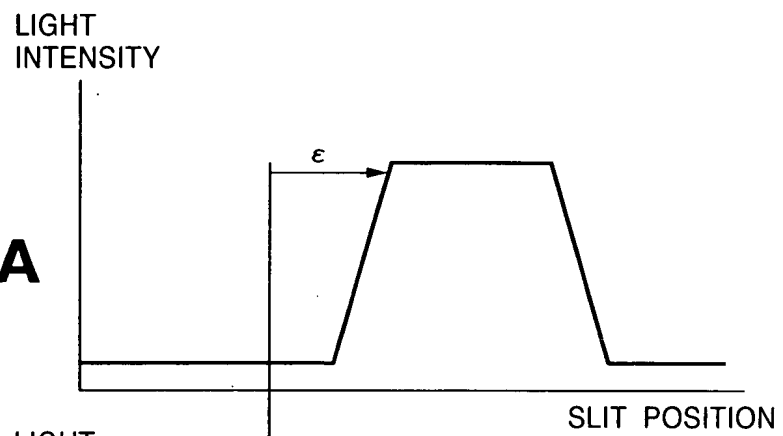
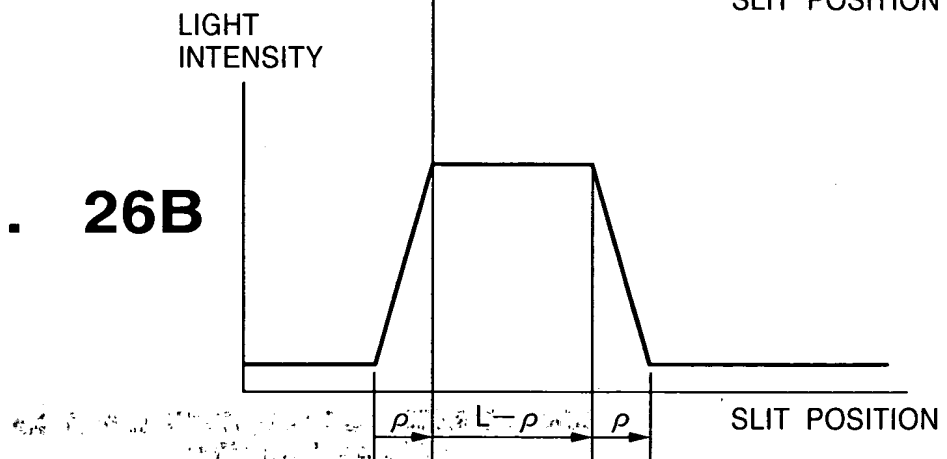


FIG. 26B



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FIG. 27

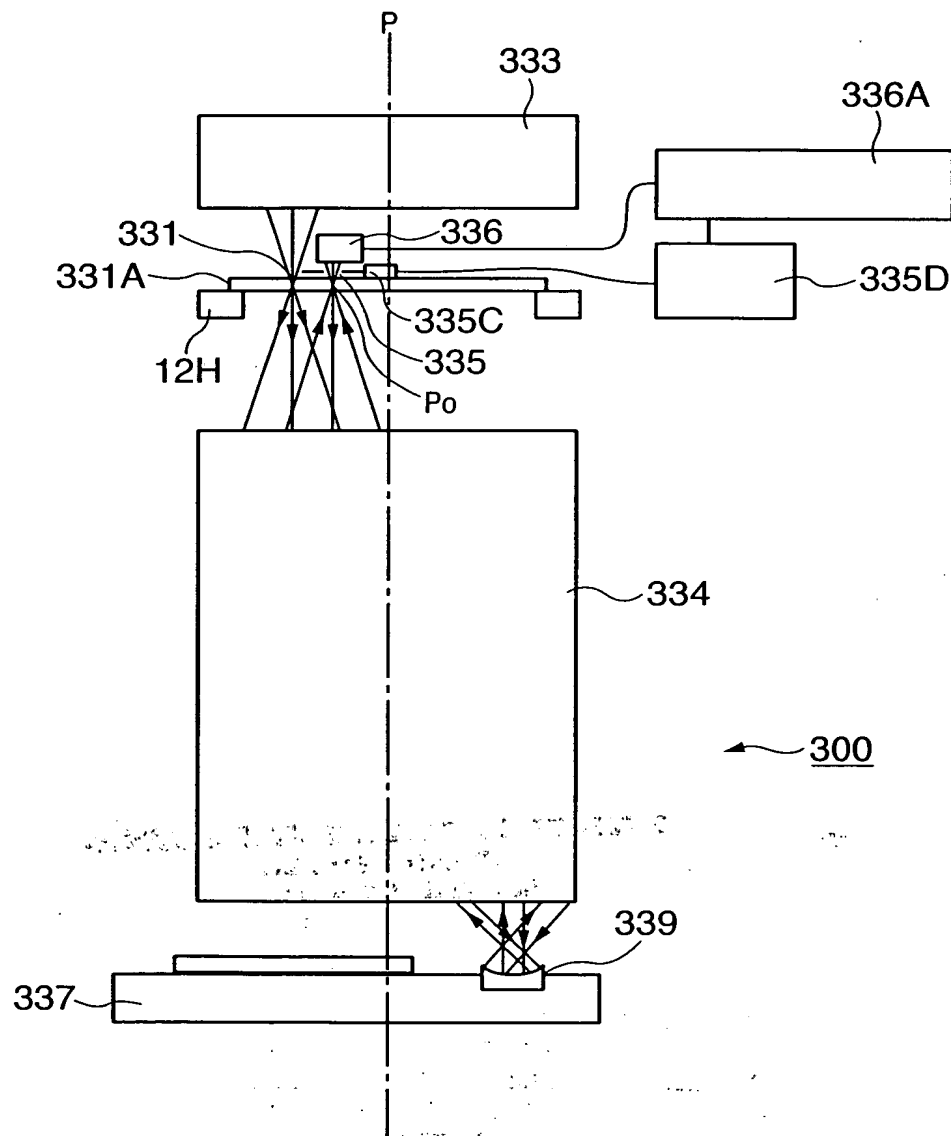
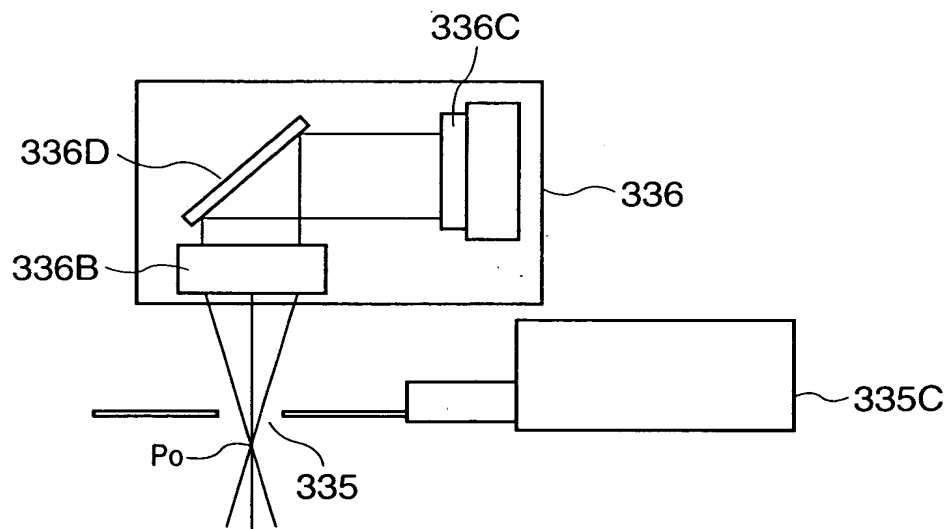
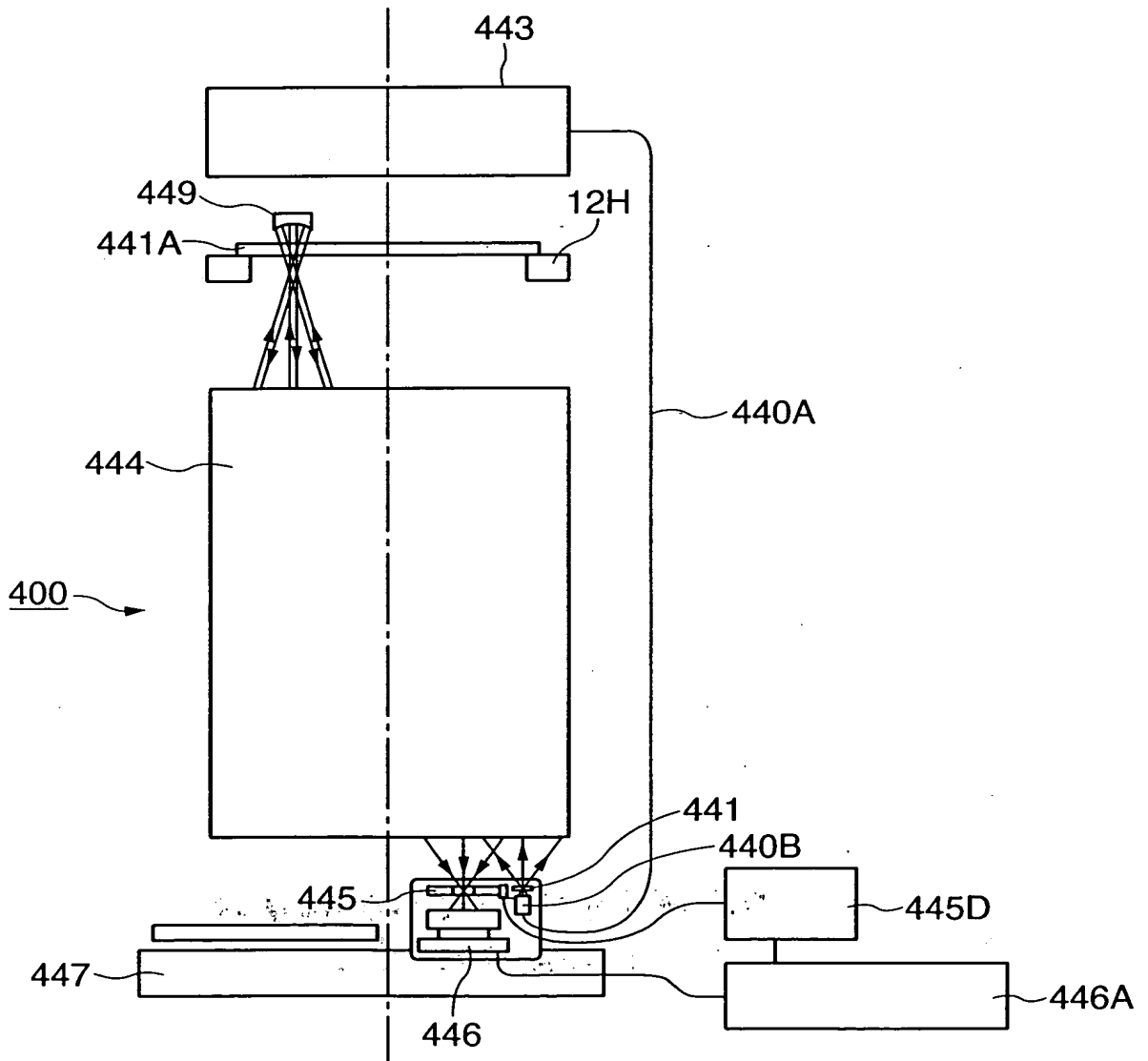


FIG. 28



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FIG. 29



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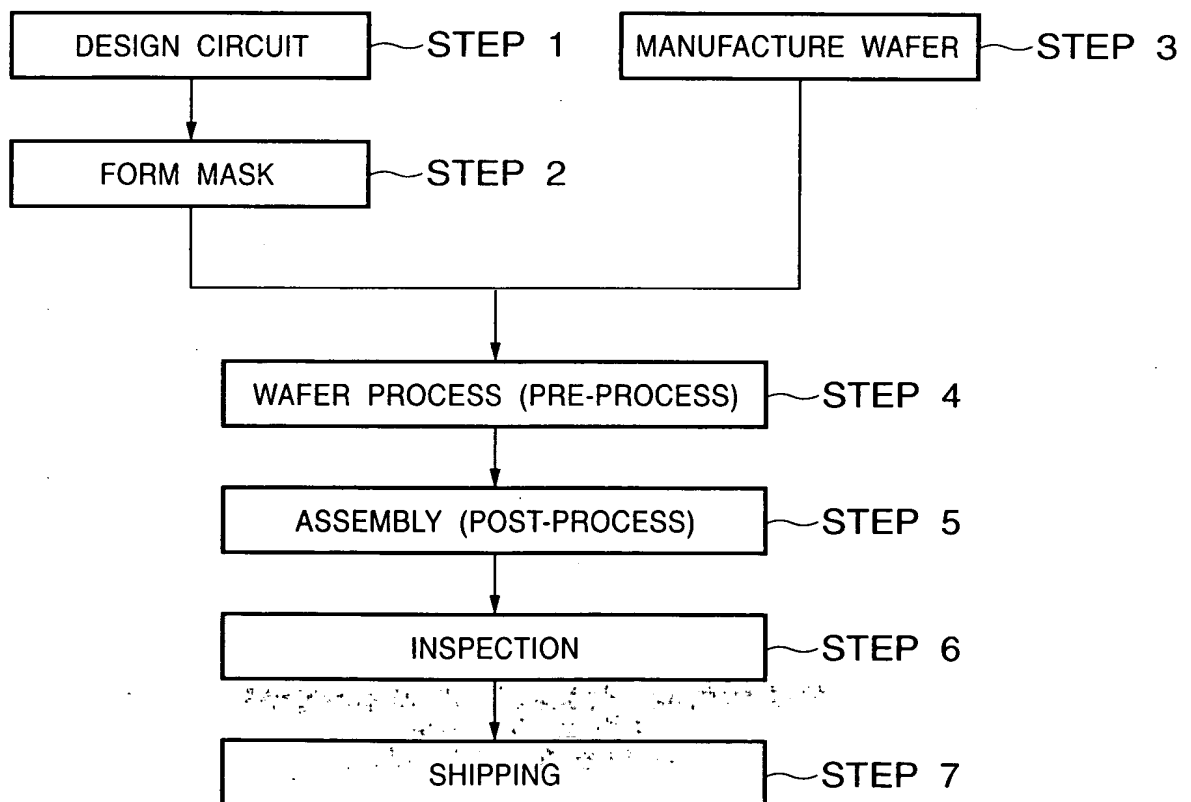
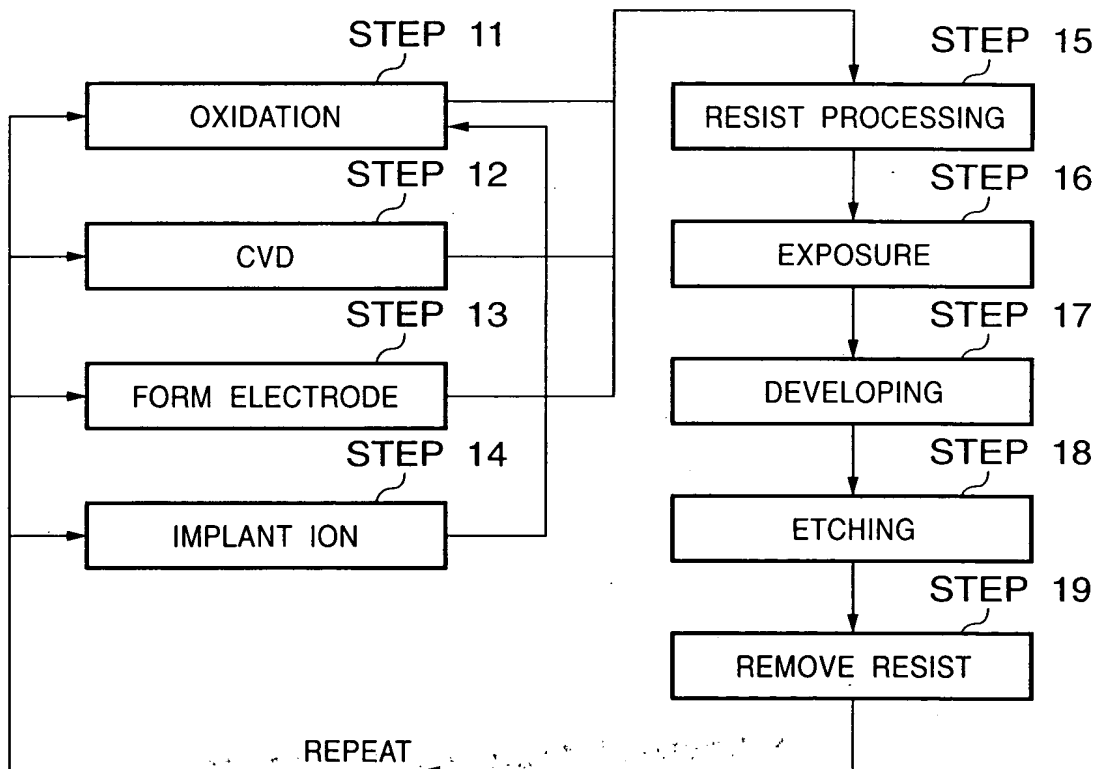
FIG. 30

FIG. 31



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